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**PATENT APPLICATION**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of

Docket No: Q65619

Ove HOECH-GULDBERG, et al.

Allowed: May 24, 2005

Appln. No.: 09/890,463

Group Art Unit: 1653

Confirmation No.: 3310

Examiner: Hope A. Robinson

Filed: November 09, 2001

For: NUCLEIC ACID ENCODING PIGMENT PROTEIN FROM CORAL TISSUE (as amended)

**INFORMATION DISCLOSURE STATEMENT**  
**UNDER 37 C.F.R. §§ 1.97 and 1.98**

**MAIL STOP ISSUE FEE**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure, Applicants hereby notify the U.S. Patent and Trademark Office of the documents which are listed on the attached PTO/SB/08 A & B (modified) form. These documents were cited in a corresponding European application (EP 00 90 4699).

One copy of each of the listed documents is submitted herewith along with a copy of a Supplemental European Search Report for EP 00 90 4699.

The Issue Fee was paid for the present application on August 18, 2005.

The submission of the listed documents is not intended as an admission that any such document constitutes prior art against the claims of the present application.

INFORMATION DISCLOSURE STATEMENT  
U.S. Application No. 09/890,463

The USPTO is directed and authorized to charge any required fees to Deposit Account No. 19-4880. Please also credit any overpayments to said Deposit Account. A duplicate copy of this paper is attached.

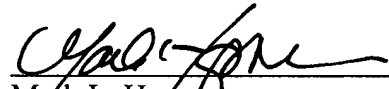
Respectfully submitted,

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WASHINGTON OFFICE

**23373**

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Date: April 5, 2006

Substitute for Form 1449 A & B/PTO		Complete if Known	
		Application Number	09/890,463
<b>INFORMATION DISCLOSURE</b> <b>STATEMENT BY APPLICANT</b> <i>(use as many sheets as necessary)</i>		Confirmation Number	3310
		Filing Date	November 09, 2001
		First Named Inventor	Ove HOECH-GULDBERG
		Art Unit	1653
		Examiner Name	Hope A. Robinson
		Attorney Docket Number	Q65619
Sheet	1	of	

## U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Number	Kind Code <sup>2</sup> (if known)		
		US			
		US			

## FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Translation <sup>6</sup>
		Country Code <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)			
		WO	99/49010	A2	09.30.1999	Prolume Ltd.	In English
		WO	00/34326	A1	06.15.2000	Clontech Lab., Inc.	In English
		WO	00/34526	A1	06.15.2000	Clontech Lab., Inc.	In English

## NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.	Translation <sup>6</sup>
		SHIBATA, K., "Pigments and a uv-absorbing substance in corals and blue-grass alga living in the Great Barrier Reef," <u>Plant and Cell Physiology</u> , vol. 10., no. 2, 1969, pp. 325-335.	In English
		WARD W.W. et al., "An Energy transfer protein in coelenterate bioluminescence Characterization of the Renilla green-fluorescent protein," <u>Journal of Biological Chemistry</u> , vol. 254, no. 3, 2.10.1979, pp. 781-788	In English
		LORENZ, W.W., et al., "Isolation and expression of a cDNA encoding Renilla reniformis luciferase," <u>Proceedings of the national Academy of Sciences of USA</u> , vol. 88, May 1991, pp. 4438-4442.	In English
		MATTHEWS, J.C., et al., "Purification and properties of Renilla reniformis luciferase," <u>Biochemistry</u> , vol. 16, no. 1, 1977 pp 85-91	In English
		ANDERLUH, G., et al., "Cloning, sequencing and expression of equinatoxin II" <u>Biochemical and Biophysical Research Communications</u> , vol. 220, 1996, pp. 437-442	In English
		MACEK, P., et al., "Intrinsic tryptophan fluorescence of euinatoxin II, a pore-forming polypeptide from the sea anemone Actinia equine L, monitors its interaction with lipid membranes," <u>European Journal of Biochemistry</u> , vol. 234, 1995, pp. 329-335.	In English
		TSIEN, R.Y., "The green fluorescent protein," <u>Annual Review of Biochemistry</u> , vol. 67, 1998, pp. 509-544.	In English
		HASTINGS, J.W., "Chemistries and colors of bioluminescent reactions: a review" <u>GENE</u> , vol. 173, no. 1, 1996, pp. 5-11	In English
		DOVE, S.G., et al., "Major colour patterns of reef-building corals are due to a family of GFP-like proteins," <u>Coral Reefs</u> , vol. 19, no. 3, 2001, pp. 197-204	In English
		TSIEN, R.Y. "Rosy dawn for fluorescent proteins," <u>Nature Biotechnology</u> , vol. 17, no. 10, October 1999	In English
		POMPONI, S.A., "The bioprocess-technological potential of the sea," <u>Journal of Biotechnology</u> , vol. 70, no. 1-3, 04.30.1999, pp. 5-13.	In English

Examiner Signature	Date Considered
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kind Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov), MPEP 901.04 or in the comment box of this document. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to indicate here if English language Translation is attached.